



School Technology Needs Assessment for Students (STNA•S)

In order to learn about how technology is used in your school, we are asking students to take a survey.

The survey asks about:

- The technology resources at your school
- How students and teachers use technology
- Students' technology skills
- The benefits of using technology

You get to decide whether or not you want to participate. You will not get in trouble if you decide not to take the survey, but we hope that you will because your thoughts and opinions are very important. Your participation will help us learn about how technology is used at your school.

If you prefer not to answer any of the questions in the survey, that is okay. You decide how much you want to share. There are no right or wrong answers.

Your responses are confidential, so no one will be able to connect what you said with who you are. Your responses will be combined with the responses of other students at your school and summarized in a report.

The survey should take around 15-20 minutes to complete.

Further development of the School Technology Needs Assessment for Students (STNA•S) to make it mobile and interactive is under way with funding from Lenovo.



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This survey asks about technology.

Technology includes such things as computers, laptops, software, iPods, iPads, interactive whiteboards, digital cameras, document cameras, video cameras, the Internet, clickers, 3D virtual space, etc.

1. How would you rate your overall ability to use technology?

- ☐ Beginner: I need *a lot* of help when using technology.
- ☐ Intermediate: I need *some* help when using technology.
- ☐ Advanced: I need *very little* help when using technology.
- ☐ Expert: I can use technology on my own *without* help.

2. Please select which of the following best describes technology use in your school.

- ☐ I use technology in *none* of my classes.
- ☐ I use technology in *a few* of my classes.
- ☐ I use technology in *some* of my classes.
- ☐ I use technology in *most* of my classes.
- ☐ I use technology in *all* of my classes.

3. Check all classes for which you have used technology this year.

- ☐ Art/Music
- ☐ Computers or Technology
- ☐ English/Language Arts
- ☐ English as a Second Language
- ☐ Foreign/World Languages
- ☐ Health/Physical Education
- ☐ History/Social Studies
- ☐ Mathematics
- ☐ Science
- ☐ Special Education
- ☐ Vocational Field
- ☐ Other: _____

4. Check all places where you have used technology for school this year.

- ☐ A regular classroom
- ☐ School media center/library
- ☐ Computer lab – Teacher assigns use
- ☐ Computer lab – I choose when to use it
- ☐ After-school program
- ☐ Community center or public library
- ☐ In my own home

5. On average, how much time per week do you spend using technology in school?

- ☐ No time
- ☐ Less than 15 minutes
- ☐ 15 to 30 minutes
- ☐ 30 to 60 minutes
- ☐ 60 to 90 minutes
- ☐ More than 90 minutes

I. Resource Availability

- For each item, check the box below the response that best matches how much you agree with the statement: "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree."
- If you do not have enough information to form an opinion on an item, select "Don't Know."
- If you have enough information to form an opinion but are simply split between "Agree" and "Disagree," select "Neutral."

In my school...		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
Resource Availability	6. There are enough technology resources for teachers to use.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	7. There are enough technology resources for students to use.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	8. There are enough computers for students to use.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	9. There is enough hardware for students to use (projectors, printers, digital cameras, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	10. There is enough software for students to use (word processing, slide presentation, drawing applications, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	11. There are enough mobile devices for students to use (cell phones, tablets, iPods, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	12. Students have enough access to the media center.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

II. Technology Infrastructure

- For each item, check the box below the response that best matches how much you agree with the statement: "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree."
- If you do not have enough information to form an opinion about an item, select "Don't Know."
- If you have enough information to form an opinion but are simply split between "Agree" and "Disagree," select "Neutral."

In my school...		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
Technology Infrastructure	13. The Internet connection works throughout the entire school.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	14. The Internet connection is reliable and consistent.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	15. Students can access appropriate web resources and tools that teachers would like them to use without being blocked by filters.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	16. Students are allowed to bring technology from home to use in class.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	17. The technology system helps everyone communicate (e-mailing other students, teachers, and staff, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	18. The technology resources are up to date.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	19. Technology problems and questions are resolved quickly.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

III. Technology Support

- For each item, check the box below the response that best matches how much you agree with the statement: "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree."
- If you do not have enough information to form an opinion about an item, select "Don't Know."
- If you have enough information to form an opinion but are simply split between "Agree" and "Disagree," select "Neutral."

If there are problems or questions related to technology...		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
Technology Support	20. Students can get help from their teachers.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	21. Students can get help from other students.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	22. Students can get help from technology support staff (media specialist, technology facilitator, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	23. Teachers can get help from their students.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	24. Teachers can get help from technology support staff (media specialist, technology facilitator, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

IV. Teacher Technology Use

- For each item, check the box below the response that comes closest to indicating how often you do the described activity: "Very Often," "Often," and so on.
- If you do not have enough information to form an opinion about an item, select "Don't Know."

Teachers at my school...		Very Often	Often	Sometimes	Rarely	Never	Don't Know
Teacher Technology Use	25. Use technology to teach and work with students.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	26. Use technology to communicate with students (e-mail, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	27. Assign schoolwork that requires students to use technology.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	28. Encourage students to use technology.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	29. Emphasize online security and safety.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

30. How many of your teachers know how to use technology well?

- ☐ All
☐ Most
☐ Some
☐ A few
☐ None
☐ Don't Know

31. Rules for technology use are clearly defined in my school.

- ☐ Strongly Agree
☐ Agree
☐ Neutral
☐ Disagree
☐ Strongly Disagree
☐ Don't Know

V. Student Technology Use

- For each item, check the box below the response that comes closest to indicating how often you do the described activity: "Very Often," "Often," and so on.
- If you do not have enough information to form an opinion about an item, select "Don't Know."

Please indicate <u>how often</u> you have done the following things at school this school year.		Very Often	Often	Sometimes	Rarely	Never	Don't Know
32. I use technology while working in teams with other students.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	
33. I learn how to use new technology tools.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	
34. I take quizzes or tests on the computer.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	

I use technology to...		Very Often	Often	Sometimes	Rarely	Never	Don't Know
Student Technology Use	35. Search for information for school assignments.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	36. Create products for school (poster, presentation, project, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	37. Present information to others (class presentations, demonstrations, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	38. Communicate with teachers or students at my school about schoolwork (e-mail, instant message, discussion boards, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	39. Communicate with people who are not at my school about schoolwork (e-mail, instant message, discussion boards, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	40. Work on complex, real-life situations or problems.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

VI. Student Technology Skills

Please indicate your ability to do each of the following things:

Beginner: I need *a lot* of help when using technology.

Intermediate: I need *some* help when using technology.

Advanced: I need *very little* help when using technology.

Expert: I can use technology on my own *without* help

		Beginner	Intermediate	Advanced	Expert	I don't know what this is or I have never done this.
Student Technology Skills	41. Create and format reports or documents (Microsoft Word, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	42. Create and format spreadsheets (Microsoft Excel, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	43. Create presentations (PowerPoint, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	44. Create multimedia products (combining pictures, sounds, writing, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	45. Create graphs and charts (Microsoft Excel, Microsoft Word, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	46. Solve mathematical problems using a graphing calculator.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	47. Upload and edit digital media (pictures, video, audio, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	48. Find information on the Internet using search engines (Google, Yahoo, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	49. Send and receive e-mail messages.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	50. Work together with others online (Google Docs, wikis, discussion boards, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

VII. Impacts of Technology

- For each item, check the box below the response that best matches how much you agree with the statement - "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree."
- If you do not have enough information to form an opinion about an item, select "Don't Know."
- If you have enough information to form an opinion but are simply split between "Agree" and "Disagree," select "Neutral."

Using technology in school...		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
Impacts of Technology	51. Has made learning more interesting.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	52. Has helped me get better organized.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	53. Has helped me communicate better with my teachers.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	54. Has made it easier to work with other students.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	55. Has helped me do better quality schoolwork.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	56. Has helped me do better on quizzes and tests.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	57. Has helped me think more about the subjects I am learning.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	58. Has helped me understand how information I learn in school relates to real-life situations.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

VIII. Development of 21st Century Skills

- For each item, check the box below the response that best matches how much you agree with the statement - "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree."
- If you do not have enough information to form an opinion about an item, select "Don't Know."
- If you have enough information to form an opinion but are simply split between "Agree" and "Disagree," select "Neutral."

		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
Using technology in school...							
Development of 21st Century Skills	59. Technology skills (using word processing software, using spreadsheets, creating multi-media presentations, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	60. Information literacy (researching, gathering, and determining the usefulness of information to complete school-related tasks, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	61. Learning and innovation skills (practicing creativity, critical thinking, and problem solving, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	62. Group collaboration skills (working well with other students in small groups, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	63. Civic literacy (keeping up with news, politics, ethical practices, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	64. Understanding of the global world (interacting with others around the world; learning about people, cultures, and traditions of the U.S. and other countries; etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
	65. Life and career skills (building self-motivation, independence, social skills, and personal responsibility, etc.).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6